

228-376

11/03/2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 3 2005

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

George Meindl
Nufarm Americas Inc.
1333 Burr Ridge Parkway, Suite 125A
Burr Ridge, IL 60527-0866

Dear Mr. Meindl:

Subject: Clopyralid Label Revisions
Riverdale Millennium Ultra Acid Weed and Feed
EPA Registration Number 228-376
Your Submission Dated October 18, 2005

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- Modify the turf directions for use to include the following statements :

For use only on non-residential turf such as athletic and recreational sports fields, cemeteries, golf courses, industrial sites, non-cropland, parks, rights-of-way, and roadsides.

- Do not use on residential turf
- Do not send clippings to a compost facility
- Do not collect grass clippings for mulch or compost
- Applicator must give notice to landowners/property managers to not use grass clippings for composting.

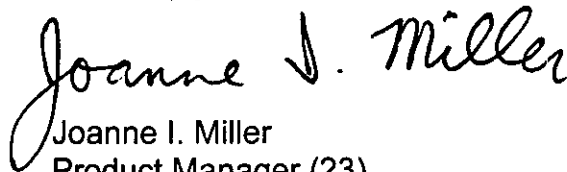
2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Please note that this office did not stamp accepted the proposed labeling identified as "Residential Label" since clopyralid technical is no longer registered for residential lawn use.

If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

A handwritten signature in black ink that reads "Joanne I. Miller". The signature is written in a cursive style with a large initial "J" and a distinct "I" before the last name.

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

(Commercial Label)

MILLENNIUM ULTRA™

ACID WEED AND FEED

THIS PRODUCT IS A PREMIUM GRADE HERBICIDE AND TURF FOOD COMBINATION WHICH CONTROLS A WIDE SPECTRUM OF BROADLEAF WEEDS WHILE PROVIDING BOTH FAST AND LONG FEEDING ACTION. WEEDS CONTACTED BY THIS PRODUCT GRADUALLY DIE AND DISAPPEAR FROM THE LAWN.

CONTAINS 2,4-D, CLOPYRALID AND DICAMBA

TREATS (OR COVERS) 5,000 SQUARE FEET (50' X 100')

ACTIVE INGREDIENTS:

2,4-D Acid	0.086%
Clopyralid Acid	0.037%
Dicamba Acid	0.072%

OTHER INGREDIENTS:	99.030%
TOTAL:	100.000%

*Isomer Specific AOAC Method

GUARANTEED ANALYSIS:

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash (K ₂ O)	X%
Primary Plant Foods derived from Ammonium Phosphate, Sulfur Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash.	
Chlorine (Cl) Maximum	X%
The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.	
Fertilizer guaranteed by (Name of Fertilizer registrant)	

IN NEW YORK STATE, THIS PRODUCT MAY ONLY BE SOLD TO AND USED BY PROFESSIONAL APPLICATORS AND IS PROHIBITED FROM SALE AND USE IN NASSAU AND SUFFOLK COUNTIES. IN CALIFORNIA, OREGON AND WASHINGTON, TURFGRASS AND LAWN USES ARE RESTRICTED TO GOLF COURSES ONLY. THIS PRODUCT CANNOT BE USED ON AGRICULTURAL, FOREST SITES OR RIGHTS-OF-WAY.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300.
For Medical Emergencies Only, Call (877) 325-1840.

EPA REG. NO. 228-376
EPA EST. NO. 228-IL-1

MANUFACTURED BY
NUFARM AMERICAS INC.
BURR RIDGE, IL 60527-0866



NET CONTENTS LBS.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

NOV 3 2005

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

000228-00376.20051018.

228-376

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wear long pants, long-sleeved shirt, socks and shoes when applying this product. After using this product, remove clothing and launder separately before reuse. Promptly and thoroughly wash hands and exposed skin with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.</p>	

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Most cases of groundwater contamination involving herbicides such as 2,4-D and Clopyralid have been associated with mixing/loading and disposal sites. Additionally, using Clopyralid where soils are permeable, particularly where the water table is shallow, may also result in leaching to groundwater. Caution should be exercised when handling this product at mixing, loading and disposal sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

This product is for use on ornamental turf lawns (industrial and institutional), parks, cemeteries, athletic fields and golf courses (fairways, aprons, tees* and roughs) and similar turf areas*.

Do not use on Centipede, Dichondra, St. Augustine. Do not use this product where desirable clovers are present or allow the product to "wind drift" onto flowers, vegetables, ornamentals, shrubs, trees or other desirable plants. Do not apply when air temperature exceeds 90° F. Avoid overlapping. Do not use grass clippings from turf treated with this product for composting and/or mulch. Do not use on residential turfgrass. Do not send clippings to a compost facility. Applicator must give notice to landowners/property managers to not use grass clippings for mulch or composting.

WEEDS CONTROLLED

This product is designed to promote lush green growth in lawns and control many broadleaf weeds such as:

Alder	Bracted plantain	Catsear	Dandelion
Annual yellow sweet clover	Brassbuttons	Catnip	Dead nettle
Artichoke	Bristly oxtongue	Chickweed	Dock
Aster	Broadleaf dock	Chicory	Dogbane
Austrian fieldcress	Broadleaf plantain	Cinquefoil	Dogfennel
Bedstraw	Broomweed	Clover	Elderberry
Beggartick	Buckhorn	Cockle	English daisy
Biden	Buckhorn plantain	Cocklebur	Fall dandelion
Bindweed	Bulbous buttercup	Coffebean	False dandelion
Bird vetch	Bull nettle	Coffeeweed	False flax
Bitterweed	Bull thistle	Common chickweed	False sunflower
Bitter wintercress	Burdock	Common mullein	Fiddleneck
Blackeyed Susan	Burning nettle	Common sowthistle	Field bindweed
Black medic	Bur ragweed	Corn Chamomile	Field pansy
Black mustard	Burweed	Creeping jenny	Flea bane (daisy)
Black-seed plantain	Buttercup	Crimson clover	Flixweed
Blessed thistle	Canada thistle	Croton	Florida betony
Blue lettuce	Carolina geranium	Cudweed	Florida pusley
Blue vervain	Carpetweed	Curly dock	Frenchweed
Box elder	Catchweed bedstraw	Curly indigo	Galinsoga

Garlic mustard	Mustard	Russian thistle	Tumbleweed
Goathead	Narrowleaf plantain	St. Johnswort	Velvet leaf
Goatsbeard	Narrowleaf vetch	Scarlet pimpernel	Venice mallow
Goldenrod	Nettle	Scotch thistle	Veronica
Ground ivy	Orange hawkweed	Sheep sorrel	Vervain
Gumweed	Oxalis	Shepherdspurse	Vetch
Hairy bittercress	Oxeye daisy	Slender plantain	Virginia buttonweed
Hairy fleabane	Parsley-piert	Smallflower galinsoga	Virginia creeper
Hawkweed	Parsnip	Smartweed	Virginia pepperweed
Healall	Pearlwort	Smooth dock	Wavyleaf bullthistle
Heartleaf drymary	Pennycress	Smooth pigweed	Western clematis
Hedge bindweed	Pennywort	Sneezeweed	Western salsify
Hedge mustard	Peppergrass	Southern wild rose	White clover
Hemp	Pepperweed	Sowthistle	White mustard
Henbit	Pigweed	Spanishneedle	Wild aster
Hoary cress	Pineywoods bedstraw	Spatterdock	Wild buckwheat
Hoary plantain	Plains coreopsis	Speedwell	Wild carrot
Hoary vervain	Plantain	Spiny Amaranth	Wild four-o'clock
Honeysuckle	Poison hemlock	Spiny cocklebur	Wild garlic
Hop clover	Poison ivy	Spotted catsear	Wild geranium
Horsenettle	Poison oak	Spotted knapweed	Wild lettuce
Horsetail	Pokeweed	Spotted spurge	Wild marigold
Indiana mallow	Poorjoe	Spurge	Wild mustard
Ironweed	Povertyweed	Spurweed	Wild onion
Jewelweed	Prickly lettuce	Stinging nettle	Wild parsnip
Jimsonweed	Prickly sida	Stinkweed	Wild radish
Kochia	Primrose	Stitchwort	Wild rape
Knawel	Prostrate knotweed	Strawberry clover	Wild strawberry
Knotweed	Prostrate pigweed	Sumac	Wild sweet potato
Lambsquarter	Prostrate spurge	Sunflower	Wild vetch
Lespedeza	Prostrate vervain	Sweet clover	Willow
Locoweed	Puncture vine	Tall nettle	Witchweed
Lupine	Purslane	Tall vervain	Woolly morningglory
Mallow	Ragweed	Tansy mustard	Woodsorrel
Marshelder	Red clover	Tansy ragwort	Woolly croton
Matchweed	Redroot pigweed	Tanweed	Woolly plantain
Mexicanweed	Red sorrel	Tarweed	Wormseed
Milk vetch	Redstem filaree	Thistle	Yarrow
Milkweed bloodflower	Rough cinquefoil	Tickle trefoil	Yellow rocket
Mugwort	Rough fleabane	Toadflax	Yellowflower pepperweed
Morningglory	Roundleafed marigold	Trailing Crowvetch	and other broadleaf weeds
Mouseear chickweed	Rush	Tumble mustard	
Musk thistle	Russian pigweed	Tumble pigweed	

WHEN TO APPLY: Best results are obtained when weeds are growing actively in spring or early fall. Avoid contact with desirable shrubs, plants, vegetables, or flowers; especially when applying with a rotary (spinner) type spreader. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawn until after 3 mowings. For optimum results (1) Avoid mowing 1 to 2 days before and after application; (2) Apply when grass is moist (after a rain, sprinkling or dew); (3) Avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material; and (4) Avoid applying if rainfall is expected within 48 hours following treatment. Possible retreatment in approximately 30 days may be necessary if lawn is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turf may occur.

NOTE: When applying to Warm Season Grasses under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration. It is recommended that during hot, dry conditions, application rates should be reduced 50% to avoid possible dehydration or browning of grass.

HOW TO APPLY: This 20 (or 18) pound bag should be used on 5,000 square feet. Apply evenly with a lawn spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time is also acceptable.

The following settings are approximate for applying contents of this package at a suggested rate of 4 (or 3.6 for 18 pound bag) pounds per 1,000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 square feet and adjust to apply at the rate of 1 (.9 for 18 pound bag) pound per 250 square feet.

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SPREADER SETTINGS
ONE PASS APPLICATION:

MAKE	SETTING
Central Calibrated	5
Cyclone Broadcast	3-3/4
Jackson	5
Sears Broadcast	3
Sears	5
Scotts Calibrated	4

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 pound of nitrogen/1,000 square feet; otherwise, this information is optional.)

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing (No. of lbs.) pounds of nitrogen per 1,000 square feet (optional P₂O₅ and K₂O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

*Based on Inert Fertilizer claimed.

Environmental Benefits

(Grasscycling Logo)

Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment:

Grass clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.

- √ A 50' x 50' lawn produces enough oxygen for a family of 4 every day
- √ Reduces Glare & Reduces Noise
- √ Traps Dust, Smoke Particles & Other Pollutants
- √ Purifies Water & Modifies Temperature
- √ Improves Soil Condition & Controls Erosion

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Do not stack more than two pallets high. Do not store near open containers of fertilizer, seed, or other pesticides.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, clean up all spilled material. Improper disposal of excess pesticide, spray mixtures or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay away from smoke.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

(RV 033104)

Millennium Ultra is a Trademark of Nufarm Americas Inc.

OPTIONAL SPREADER INSTRUCTIONS:

- (Illustration) For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.
- (Illustration) For Rotary Spreaders: Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.

OPTIONAL MARKETING STATEMENT(S):

Contains Millennium Ultra - A Premium Selective Herbicide
For Both Cool Season & Warm Season Grasses

The following note will not be part of the actual label copy.

*Note: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration and fertilizer guarantee are optional except where mandated by State fertilizer regulation.

Editor's Note:

The State Sale and Use Prohibitions of this product must be part of printed label text for any product which might possibly enter the channels of trade in the states of California, New York, Oregon and/or Washington. The label prohibitions are optional for all other states.